Title (en)
SYSTEMS AND METHODS FOR CONTROLLING A POSITION OF A REEL OF AN AGRICULTURAL HEADER

Title (de)
SYSTEME UND VERFAHREN ZUR STEUERUNG DER POSITION EINER ROLLE EINES LANDWIRTSCHAFTLICHEN ERNTEVORSATZES

Title (fr)
SYSTÈMES ET PROCÉDÉS POUR COMMANDER UNE POSITION D'UNE BOBINE D'UNE MACHINE AGRICOLE

Publication
EP 3841866 A1 20210630 (EN)

Application
EP 20217141 A 20201223

Priority
US 201916724976 A 20191223

Abstract (en)
A header (200) system for an agricultural harvester (100) includes a first reel section (225), a second reel section (224), and a sensor (252) configured to generate data indicative of a parameter related to a crop (206) within a field. The header (200) system also includes a controller (302) configured to receive the data and to control a first actuator (228) to adjust the first reel section (225) independently from the second reel section (224) based on the data as the agricultural harvester (100) travels through the field.

IPC 8 full level
A01D 57/04 (2006.01); A01D 41/14 (2006.01)

CPC (source: BR EP US)
A01D 41/141 (2013.01 - EP US); A01D 41/144 (2013.01 - EP); A01D 41/145 (2013.01 - US); A01D 57/04 (2013.01 - BR EP US); A01D 57/12 (2013.01 - US); A01D 34/14 (2013.01 - US)

Citation (search report)
• [XY] EP 3420798 A1 20190102 - DEERE & CO [US]
• [YA] EP 3552474 A1 20191016 - DEERE & CO [US]
• [YA] EP 3494771 A1 20190612 - CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH [DE]
• [A] EP 3011824 A1 20160427 - CNH IND BELGIUM NV [BE]

Cited by
EP4248730A3; WO2023081427A1; EP4248730A2; DE102022107015A1; WO2023003992A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3841866 A1 20210630; BR 102020025233 A2 20210706; US 2021185918 A1 20210624

DOCDB simple family (application)
EP 20217141 A 20201223; BR 102020025233 A 20201210; US 201916724976 A 20191223